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Abstract of the Disclosure

A system and method indicate the direction faced by an operator. 1 2 A waterproof housing has a mounting mechanism to engage a part of a headgear worn by an operator to position the housing in a portion of 3 the operator's forward field of view. A two-axis gimbal mechanism is 4 inside the waterproof housing and has a protective housing connected 5 6 to the waterproof housing. The protective housing contains ring structure coupled to two orthogonal axis structures. A magnetic field 7 sensor module is mounted on one of the axis structures and provides 8 9 magnetic field data signals representative of the direction faced by the operator. An optical element has a wide field of view to transmit 10 compass data images representative of the magnetic field data signals 11 12 to the eyes of the operator.